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=> s (drug delivery) and ophthalm?

3 FILES SEARCHED...

L1 9461 (DRUG DELIVERY) AND OPHTHALM?

=> s l1 and sclera?

L2 566 L1 AND SCLERA?

=> s l2 and orbit?

L3 94 L2 AND ORBIT?

=> s l3 and (injection port)

L4 5 L3 AND (INJECTION PORT)

=> d l4 1-5 ibib abs

L4 ANSWER 1 OF 5. CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:97266 CAPLUS

TITLE: Ophthalmic drug delivery  
device

INVENTOR(S): Yaacobi, Yoseph

PATENT ASSIGNEE(S): Alcon, Inc., Switz.

SOURCE: PCT Int. Appl., 33 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003009784	A1	20030206	WO 2002-US23116	20020722
W: AU, BR, CA, CN, JP, MX, PL, US, ZA				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR				
EP 1385452	A1	20040204	EP 2002-750206	20020722
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR, BG, CZ, EE, SK				
JP 2004535886	T2	20041202	JP 2003-515180	20020722
US 2004092911	A1	20040513	US 2003-702210	20031105
PRIORITY APPLN. INFO.:			US 2001-307226P	P 20010723
			WO 2002-US23116	W 20020722

AB An ophthalmic drug delivery device having a scleral surface, an orbital surface, an injection port on the orbital surface, and a fluid conducting passageway disposed within the device that is fluidly coupled to the injection port and has an opening for communicating the fluid to an outer surface of the sclera is

disclosed. The fluid contains a pharmaceutically active agent useful for the treatment of a disease of the posterior segment of the eye.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2004:172991 USPATFULL  
TITLE: Devices for intraocular **drug delivery**  
INVENTOR(S): Varner, Sign Erickson, Los Angeles, CA, UNITED STATES  
Dejuan, Eugene, JR., La Canada, CA, UNITED STATES  
Shelley, Terry, Hampstead, MD, UNITED STATES  
Barnes, Aaron Christopher, Oak Park, CA, UNITED STATES  
Humayun, Mark, La Canada, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004133155	A1	20040708
APPLICATION INFO.:	US 2003-740698	A1	20031219 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-888092, filed on 22 Jun 2001, GRANTED, Pat. No. US 6719750		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228934P	20000830 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	EDWARDS & ANGELL, LLP, P.O. BOX 55874, BOSTON, MA, 02205	
NUMBER OF CLAIMS:	67	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	1116	

AB An therapeutic agent delivery device that can allows is particularly suitable for delivery of a therapeutic agent to limited access regions, such as the posterior chamber of the eye and inner ear. Preferred devices of the invention are minimally invasive, refillable and may be easily fixed to the treatment area. Preferred delivery devices of the invention also include those that comprise a non-linear shaped body member body housing one or more substances and a delivery mechanism for the sustained delivery of the one or more substances from the non-linear shaped body member to the patient.

L4 ANSWER 3 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2004:139730 USPATFULL  
TITLE: Ophthalmic **drug delivery** device  
INVENTOR(S): Yaacobi, Yoseph, Fort Worth, TX, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004106906	A1	20040603
APPLICATION INFO.:	US 2003-706105	A1	20031112 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US23048, filed on 22 Jul 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-307284P	20010723 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ALCON RESEARCH, LTD., R&D COUNSEL, Q-148, 6201 SOUTH FREEWAY, FORT WORTH, TX, 76134-2099	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	

NUMBER OF DRAWINGS: 4 Drawing Page(s)

LINE COUNT: 409

AB An **ophthalmic drug delivery** device having a first end and a second end, an **injection port**, a reservoir, and a sleeve is disclosed. The **injection port** is for sealingly engaging a needle of a syringe, which is for providing a fluid comprising a pharmaceutically active agent. The reservoir is disposed within the device, is fluidly coupled to the **injection port**, and has an opening for communicating the fluid to an outer surface of a **sclera** of an eye. The sleeve is for engaging the device proximate overlapping portions of the first end and the second end for forming a generally ring-shaped three-dimensional geometry upon implantation of the device on the outer surface of the **sclera**. The device is useful for the treatment of a disease of the posterior segment of the eye.

L4 ANSWER 4 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2004:121494 USPATFULL

TITLE: **Ophthalmic drug delivery**  
device

INVENTOR(S): Yaacobi, Yoseph, Fort Worth, TX, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004092911	A1	20040513
APPLICATION INFO.:	US 2003-702210	A1	20031105 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US23116, filed on 22 Jul 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-307226P	20010723 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ALCON RESEARCH, LTD., R&D COUNSEL, Q-148, 6201 SOUTH FREEWAY, FORT WORTH, TX, 76134-2099	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Page(s)	
LINE COUNT:	741	

AB An **ophthalmic drug delivery** device having a **scleral** surface, an **orbital** surface, an **injection port** on the **orbital** surface, and a fluid conducting passageway disposed within the device that is fluidly coupled to the **injection port** and terminates in an opening for communicating the fluid to an outer surface of the **sclera** is disclosed. The fluid contains a pharmaceutically active agent useful for the treatment of a disease of the posterior segment of the eye.

L4 ANSWER 5 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2002:43806 USPATFULL

TITLE: Devices for intraocular **drug delivery**

INVENTOR(S): Varner, Signe Erickson, Los Angeles, CA, UNITED STATES  
DeJuan, Eugene, JR., La Canada, CA, UNITED STATES  
Shelley, Terry, Hampstead, MD, UNITED STATES  
Barnes, Aaron Christopher, Oak Park, CA, UNITED STATES  
Humayun, Mark, La Canada, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002026176	A1	20020228

APPLICATION INFO.:       US 6719750           B2    20040413  
                          US 2001-888092       A1    20010622   (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228934P	20000830 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Dike, Bronstein, Roberts & Cushman, Intellectual Property practice, Group of Edwards & Angell, LLP, P.O. Box 9169, Boston, MA, 02209	
NUMBER OF CLAIMS:	67	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	1116	

AB     An therapeutic agent delivery device that can allows is particularly  
suitable for delivery of a therapeutic agent to limited access regions,  
such as the posterior chamber of the eye and inner ear. Preferred  
devices of the invention are minimally invasive, refillable and may be  
easily fixed to the treatment area. Preferred delivery devices of the  
invention also include those that comprise a non-linear shaped body  
member body housing one or more substances and a delivery mechanism for  
the sustained delivery of the one or more substances from the non-linear  
shaped body member to the patient.